

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT,PGPB; PLUR=YES; OP=OR

L10 ((mqo\$3 or (malat\$3 same dehydrogenas\$3) or (malat\$3 same
oxidas\$3) or (malat\$3 same oxidoreductas\$3)) same produc\$4 same
((amino\$3 same acid\$3) or lysin\$4 or threoni\$4)).clm. 18 L10

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=OR

L9 l8 and (molenaar or rest or mockel).in. 7 L9

L8 L7 and ((lysin\$3 or threoni\$3) same produc\$4) 30 L8

L7 (coryne\$8 or glutamicu\$3) same (mqo\$3 or (malat\$3 same
dehydrogenas\$3) or (malat\$3 same oxididas\$3) or (malat\$3 same
oxidoreductas\$3)) 32 L7

DB=EPAB; PLUR=YES; OP=OR

L6 1038969 1 L6

DB=DWPI; PLUR=YES; OP=OR

L5 2002086137 2 L5

L4 mqo\$3 and glutamicu\$3 and coryne\$8 and bath\$3 and farwick\$3 3 L4

L3 mqo\$3 and glutamicum\$2 and farwick\$3 and marx\$3 0 L3

L2 mqo\$3 and glutamicum\$2 and Farwick\$3 6 L2

L1 sugimoto\$3 and coryneform\$3 and malat\$3 and dehydrogenas\$3 1 L1

END OF SEARCH HISTORY

> d his

(FILE 'HOME' ENTERED AT 18:54:48 ON 28 AUG 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:55:06 ON
28 AUG 2003

SEA (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO?)

9 FILE AGRICOLA

1 FILE ANABSTR

5 FILE AQUASCI

12 FILE BIOCUTIN

185 FILE BIOSIS

82 FILE BIOTECHABS

82 FILE BIOTECHDS

75 FILE BIOTECHNO

58 FILE CABA

10 FILE CANCERLIT

641 FILE CAPLUS

5 FILE CEABA-VTB

2 FILE CROPB

1 FILE CROPU

12 FILE DDFB

3 FILE DDFU

11 FILE DGENE

12 FILE DRUGB

3 FILE DRUGU

1 FILE EMBAL

247 FILE EMBASE

18 FILE ESBIOBASE

0* FILE FEDRIP

2 FILE FROSTI

11 FILE FSTA

61 FILE GENBANK

86 FILE IFIPAT

9 FILE JICST-EPLUS

34 FILE LIFESCI

116 FILE MEDLINE

5 FILE NIOSHTIC

6 FILE NTIS

2 FILE OCEAN

20 FILE PASCAL

2 FILE RDISCLOSURE

30 FILE SCISEARCH

161 FILE TOXCENTER

1034 FILE USPATFULL

19 FILE USPAT2

1 FILE VETU

100 FILE WPIDS

100 FILE WPINDEX

2 FILE NAPRALERT

L1

QUE (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO?)

FILE 'USPATFULL, CAPLUS, EMBASE, BIOSIS, TOXCENTER, MEDLINE, WPIDS,
IFIPAT, BIOTECHDS, BIOTECHNO, GENBANK' ENTERED AT 18:58:09 ON 28 AUG 2003

L2

2788 S (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO?) O

L3

1174 S (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S)DEHYDROGENA?) OR MQO?)

L4

374 S (CORYNE? OR GLUTAMIC?)S((MALAT?(S)DEHYDROGENA?) OR MQO?) OR

L5

183 DUP REM L4 (191 DUPLICATES REMOVED)

L6

92 S L5 AND ((LYSIN? OR THREONI?)S)PRODUC?)

L7

73 S L5 AND (AMIN?(S)ACID?(S)PRODUC?)

Welcome to STN International! Enter x:x

LOGINID: ssspta1652dmr

PASSWORD :

TERMINAL (ENTER 1, 2, 3, OR ?) :2

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 Feb 24 PCTGEN now available on STN
NEWS 4 Feb 24 TEMA now available on STN
NEWS 5 Feb 26 NTIS now allows simultaneous left and right truncation
NEWS 6 Feb 26 PCTFULL now contains images
NEWS 7 Mar 04 SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8 Mar 24 PATDPAFULL now available on STN
NEWS 9 Mar 24 Additional information for trade-named substances without structures available in REGISTRY
NEWS 10 Apr 11 Display formats in DGENE enhanced
NEWS 11 Apr 14 MEDLINE Reload
NEWS 12 Apr 17 Polymer searching in REGISTRY enhanced
NEWS 13 AUG 22 Indexing from 1927 to 1936 added to records in CA/CAPLUS
NEWS 14 Apr 21 New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15 Apr 28 RDISCLOSURE now available on STN
NEWS 16 May 05 Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17 May 15 MEDLINE file segment of TOXCENTER reloaded
NEWS 18 May 15 Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19 May 19 Simultaneous left and right truncation added to WSCA
NEWS 20 May 19 RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21 Jun 06 Simultaneous left and right truncation added to CBNB
NEWS 22 Jun 06 PASCAL enhanced with additional data
NEWS 23 Jun 20 2003 edition of the FSTA Thesaurus is now available
NEWS 24 Jun 25 HSDB has been reloaded
NEWS 25 Jul 16 Data from 1960-1976 added to RDISCLOSURE
NEWS 26 Jul 21 Identification of STN records implemented
NEWS 27 Jul 21 Polymer class term count added to REGISTRY
NEWS 28 Jul 22 INPADOC: Basic index (/BI) enhanced; Simultaneous Left and Right Truncation available
NEWS 29 AUG 05 New pricing for EUROPATFULL and PCTFULL effective August 1, 2003
NEWS 30 AUG 13 Field Availability (/FA) field enhanced in BEILSTEIN
NEWS 31 AUG 15 PATDPAFULL: one FREE connect hour, per account, in September 2003
NEWS 32 AUG 15 PCTGEN: one FREE connect hour, per account, in September 2003
NEWS 33 AUG 15 RDISCLOSURE: one FREE connect hour, per account, in September 2003
NEWS 34 AUG 15 TEMA: one FREE connect hour, per account, in September 2003
NEWS 35 AUG 18 Data available for download as a PDF in RDISCLOSURE
NEWS 36 AUG 18 Simultaneous left and right truncation added to PASCAL
NEWS 37 AUG 18 FROSTI and KOSMET enhanced with Simultaneous Left and Right Truncation
NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR
NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),

NEWS HOURS AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS INTER STN Operating Hours Plus Help Desk Availability
NEWS LOGIN General Internet Information
NEWS PHONE Welcome Banner and News Items
NEWS WWW Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 18:54:48 ON 28 AUG 2003

=> index bioscience medicine
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI, BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:55:06 ON 28 AUG 2003

70 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view search error messages that display as 0* with SET DETAIL OFF.

=> s (coryne? or glutamic?) and ((malat?(s)dehydrogena?) or mqo? or (malat?(s)oxidasa?) or (malat?(s)oxidoreduct?))

9 FILE AGRICOLA
1 FILE ANABSTR
5 FILE AQUASCI
12 FILE BIOBUSINESS
185 FILE BIOSIS
82 FILE BIOTECHABS
82 FILE BIOTECHDS
75 FILE BIOTECHNO
58 FILE CABA
10 FILE CANCERLIT
641 FILE CAPLUS
5 FILE CEABA-VTB
2 FILE CROPB
1 FILE CROPU
12 FILE DDFB
3 FILE DDFU
11 FILE DGENE
12 FILE DRUGB

25 FILES SEARCHED...

3 FILE DRUGU
1 FILE EMBAL
247 FILE EMBASE
18 FILE ESBIOBASE
0* FILE FEDRIP
2 FILE FROSTI
11 FILE FSTA
61 FILE GENBANK

```

86  FILE IFIPAT
9  FILE JICST-EPLUS
34  FILE LIFESCI
116 FILE MEDLINE
5  FILE NIOSHTIC
6  FILE NTIS
2  FILE OCEAN
20 FILE PASCAL
2  FILE RDISCLOSURE
58 FILES SEARCHED...
30  FILE SCISEARCH
161 FILE TOXCENTER
1034 FILE USPATFULL
19  FILE USPAT2
1  FILE VETU
100 FILE WPIDS
100 FILE WPINDEX
2  FILE NAPRALERT

```

42 FILES HAVE ONE OR MORE ANSWERS, 70 FILES SEARCHED IN STNINDEX

L1 QUE (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO? OR (MALAT?(S) OXIDAS?) OR (MALAT?(S) OXIDOREDUCT?))

```

=> d rank
F1      1034  USPATFULL
F2      641   CAPLUS
F3      247   EMBASE
F4      185   BIOSIS
F5      161   TOXCENTER
F6      116   MEDLINE
F7      100   WPIDS
F8      100   WPINDEX
F9      86    IFIPAT
F10     82    BIOTECHABS
F11     82    BIOTECHDS
F12     75    BIOTECHNO
F13     61    GENBANK
F14     58    CABA
F15     34    LIFESCI
F16     30    SCISEARCH
F17     20    PASCAL
F18     19    USPAT2
F19     18    ESBIOBASE
F20     12    BIOBUSINESS
F21     12    DDFB
F22     12    DRUGB
F23     11    DGENE
F24     11    FSTA
F25     10    CANCERLIT
F26      9    AGRICOLA
F27      9    JICST-EPLUS
F28      6    NTIS
F29      5    AQUASCI
F30      5    CEABA-VTB
F31      5    NIOSHTIC
F32      3    DDFU
F33      3    DRUGU
F34      2    CROPB
F35      2    FROSTI
F36      2    OCEAN
F37      2    RDISCLOSURE
F38      2    NAPRALERT
F39      1    ANABSTR
F40      1    CROPU

```

F41 1 EMBAL
F42 1 VETU

=> file f1-f13
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
2.75 2.96

FILE 'USPATFULL' ENTERED AT 18:58:09 ON 28 AUG 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'CAPLUS' ENTERED AT 18:58:09 ON 28 AUG 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 18:58:09 ON 28 AUG 2003
COPYRIGHT (C) 2003 Elsevier Science B.V. All rights reserved.

FILE 'BIOSIS' ENTERED AT 18:58:09 ON 28 AUG 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC. (R)

FILE 'TOXCENTER' ENTERED AT 18:58:09 ON 28 AUG 2003
COPYRIGHT (C) 2003 ACS

FILE 'MEDLINE' ENTERED AT 18:58:09 ON 28 AUG 2003

FILE 'WPIDS' ENTERED AT 18:58:09 ON 28 AUG 2003
COPYRIGHT (C) 2003 THOMSON DERWENT

FILE 'WPINDEX' ACCESS NOT AUTHORIZED

FILE 'IFIPAT' ENTERED AT 18:58:09 ON 28 AUG 2003
COPYRIGHT (C) 2003 IFI CLAIMS (R) Patent Services (IFI)

FILE 'BIOTECHABS' ACCESS NOT AUTHORIZED

FILE 'BIOTECHDS' ENTERED AT 18:58:09 ON 28 AUG 2003
COPYRIGHT (C) 2003 THOMSON DERWENT AND INSTITUTE FOR SCIENTIFIC INFORMATION

FILE 'BIOTECHNO' ENTERED AT 18:58:09 ON 28 AUG 2003
COPYRIGHT (C) 2003 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'GENBANK' ENTERED AT 18:58:09 ON 28 AUG 2003

=> s (coryne? or glutamic?) and ((malat?(s)dehydrogena?) or mqo? or
(malat?(s)oxidasa?) or (malat?(s)oxidoreduct?))
L2 2788 (CORYNE? OR GLUTAMIC?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO? OR
(MALAT?(S) OXIDASA?) OR (MALAT?(S) OXIDOREDUCT?))

=> s (coryne? or glutamicu?) and ((malat?(s)dehydrogena?) or mqo? or
(malat?(s)oxidasa?) or (malat?(s)oxidoreduct?))
L3 1174 (CORYNE? OR GLUTAMICU?) AND ((MALAT?(S) DEHYDROGENA?) OR MQO?
OR (MALAT?(S) OXIDASA?) OR (MALAT?(S) OXIDOREDUCT?))

=> s (coryne? or glutamicu?)(s) ((malat?(s)dehydrogena?) or mqo? or
(malat?(s)oxidasa?) or (malat?(s)oxidoreduct?))
L4 374 (CORYNE? OR GLUTAMICU?)(S) ((MALAT?(S) DEHYDROGENA?) OR MQO? OR
(MALAT?(S) OXIDASA?) OR (MALAT?(S) OXIDOREDUCT?))

=> dup rem 14
DUPLICATE IS NOT AVAILABLE IN 'GENBANK'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L4

L5 183 DUP REM L4 (191 DUPLICATES REMOVED)

=> s 15 and ((lysin? or threoni?) (s) produc?)
7 FILES SEARCHED...

L6 92 L5 AND ((LYSIN? OR THREONI?) (S) PRODUC?)

=> s 15 and (amin? (s) acid? (s) produc?)
3 FILES SEARCHED...
6 FILES SEARCHED...
7 FILES SEARCHED...
10 FILES SEARCHED...

L7 73 L5 AND (AMIN? (S) ACID? (S) PRODUC?)

=> d ti 16 1-92

L6 ANSWER 1 OF 92 USPATFULL on STN
TI Novel nucleotide sequences coding for the citE gene

L6 ANSWER 2 OF 92 USPATFULL on STN
TI Novel nucleotide sequences coding the citE gene

L6 ANSWER 3 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the sahH gene

L6 ANSWER 4 OF 92 USPATFULL on STN
TI Corynebacterium glutamicum genes encoding metabolic pathway proteins

L6 ANSWER 5 OF 92 USPATFULL on STN
TI Process for the production of L-amino acids by fermentation using coryneform bacteria

L6 ANSWER 6 OF 92 USPATFULL on STN
TI Novel Polynucleotides

L6 ANSWER 7 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the luxS gene

L6 ANSWER 8 OF 92 USPATFULL on STN
TI Process for the fermentative preparation of L-amino acids using coryneform bacteria

L6 ANSWER 9 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the chrA gene

L6 ANSWER 10 OF 92 USPATFULL on STN
TI Process for the fermentative preparation of L-threonine

L6 ANSWER 11 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the def gene

L6 ANSWER 12 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the mikE17 gene

L6 ANSWER 13 OF 92 USPATFULL on STN
TI Sequences which code for the sigE gene

L6 ANSWER 14 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the menE gene

L6 ANSWER 15 OF 92 USPATFULL on STN
TI Nucleotide sequences coding for the pepC gene

L6 ANSWER 16 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the eno gene

L6 ANSWER 17 OF 92 USPATFULL on STN
TI Nucleotide sequences which code for the *mdhA* gene

L6 ANSWER 18 OF 92 USPATFULL on STN
TI Nucleotide sequences which encode the *gpsA* gene

L6 ANSWER 19 OF 92 USPATFULL on STN
TI Nucleotide sequences coding for the *lipA* gene

L6 ANSWER 20 OF 92 USPATFULL on STN
TI Process for the production of L-amino acids by fermentation using coryneform bacteria

L6 ANSWER 21 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Genetically modified *Corynebacterium glutamicum* with genes *dctQ* and *sodI* inactivated for the fermentative production of lysine

L6 ANSWER 22 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Genetically modified *Corynebacterium glutamicum* with gene *dctA* inactivated for the fermentative production of lysine

L6 ANSWER 23 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Production of L-amino acids by *Corynebacterium glutamicum* strains with attenuated *otsB*, *treY* or *treZ* genes

L6 ANSWER 24 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Enhanced L-lysine production from *Corynebacterium glutamicum* strains bearing two copies of *lysCFBR* gene

L6 ANSWER 25 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Mutations in the *mgo* gene of a amino acid-producing *Corynebacterium glutamicum* affecting yields

L6 ANSWER 26 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Mutations in the *rpoB* gene of a lysine-producing *Corynebacterium glutamicum* affecting yields of lysine

L6 ANSWER 27 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI The *mtrA* and *mtrB* genes of *Corynebacterium* encoding two-component signal transduction pathway for use in engineering lysine biosynthesis

L6 ANSWER 28 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI The *cysQ* gene of *Corynebacterium* encoding a transport protein for use in engineering lysine biosynthesis

L6 ANSWER 29 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of *hemD* and *hmB* gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 30 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of *fadD15* gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 31 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI The *dep67* gene of *Corynebacterium* encoding an efflux protein for use in engineering lysine biosynthesis

L6 ANSWER 32 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI The *cobW* gene of *Corynebacterium* encoding a cobalamin synthesis related protein for use in engineering lysine biosynthesis

L6 ANSWER 33 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of *msiK* gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 34 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of truB gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 35 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of ppgK gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 36 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of thyA gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 37 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of dctA gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 38 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of ndkA gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 39 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of dps gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 40 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of ppsA gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 41 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of pknB gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 42 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of ptsI gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 43 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of ccsB gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 44 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of ftsX gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 45 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of rodA gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 46 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of atr61 gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 47 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of pknD gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 48 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of sahH gene from corynebacteria and use thereof in production of L-lysine or L-methionine

L6 ANSWER 49 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Sequences of gpmB gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 50 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN

TI Sequences of gap2 gene from corynebacteria and use thereof in production of L-lysine

L6 ANSWER 51 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Genetically modified Coryneform bacteria with overexpressed plsC gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 52 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Genetically modified Coryneform bacteria with attenuated mdhA gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 53 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Genetically modified Coryneform bacteria with overexpressed gpsA gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 54 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Genetically modified Coryneform bacteria with overexpressed pgsA2 gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 55 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Genetically modified Coryneform bacteria with overexpressed cdsA gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 56 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Genetically modified Coryneform bacteria with overexpressed fadD15 gene and uses thereof in fermentative preparation of L-amino acids

L6 ANSWER 57 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Corynebacterium dapC gene and transaminase and recombinant coryneform bacteria for L-lysine preparation

L6 ANSWER 59 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI Corynebacterium poxB gene and its use in preparation of lysine

L6 ANSWER 60 OF 92 CAPLUS COPYRIGHT 2003 ACS on STN
TI L-Amino acid biosynthesis in genetically engineered coryneform bacteria with enhanced malate dehydrogenase activity

L6 ANSWER 61 OF 92 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN
TI Pathway analysis and metabolic engineering in Corynebacterium glutamicum.

L6 ANSWER 62 OF 92 EMBASE COPYRIGHT 2003 ELSEVIER SCI. B.V. on STN
TI Influence of increased aspartate availability on lysine formation by a recombinant strain of Corynebacterium glutamicum and utilization of fumarate.

L6 ANSWER 63 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New isolated polynucleotide from coryneform bacteria, useful for increasing production of amino acids, comprises extended genes for 1- or 6- phosphofructokinase.

L6 ANSWER 64 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New nucleic acid encoding ribosomal protein 12 of coryneform bacteria, useful, when overexpressed, for increasing fermentative amino acid synthesis.

L6 ANSWER 65 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New nucleic acid encoding citrate-lyase E from coryneform bacteria, useful, when suppressed, for increasing fermentative production of amino acids.

L6 ANSWER 66 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI Fermentative production of L-amino acids, especially lysine or valine, by fermenting Coryneform bacteria in which the nadA and/or nadC gene is weakened.

L6 ANSWER 67 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New hemD and hemB genes and polypeptides of coryneform bacteria, useful, when overexpressed, for increasing fermentative production of amino acids.

L6 ANSWER 68 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI RodA genes from coryneform bacteria, useful, when overexpressed, for increasing fermentative production of L-amino acid, especially L-lysine.

L6 ANSWER 69 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New ftsX gene from coryneform bacteria, useful, when over expressed, for increasing fermentative production of L-amino acid, especially L-lysine.

L6 ANSWER 70 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New ccpA2 gene from coryneform bacteria, useful, when suppressed, for increasing fermentative production of L-amino acids, particularly lysine.

L6 ANSWER 71 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New oxyR gene from coryneform bacteria, useful, when overexpressed, for increasing fermentative production of L-amino acids, particularly lysine.

L6 ANSWER 72 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New ccpA1 gene from coryneform bacteria, useful, when suppressed, for increasing fermentative production of L-amino acids, particularly lysine.

L6 ANSWER 73 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New tmk gene of Coryneform bacteria, useful when suppressed, for increasing fermentative production of L-amino acids, encodes a thymidylate kinase.

L6 ANSWER 74 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New menE gene of coryneform bacteria, useful when suppressed for increasing fermentative production of L-amino acids, encodes an O-succinylbenzoic acid CoA-ligase.

L6 ANSWER 75 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New pepC gene of Coryneform bacteria, useful when suppressed, for increasing fermentative production of L-amino acids, encodes an aminopeptidase I.

L6 ANSWER 76 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New dps gene of coryneform bacteria, useful when overexpressed, for increasing fermentative production of L-amino acids, encodes a DNA-protection protein.

L6 ANSWER 77 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New dep34 gene from coryneform bacteria, useful, when inactivated, for increasing fermentative production of L-amino acid, especially L-lysine.

L6 ANSWER 78 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New mutant coryneform bacterium, useful for production of amino acids, especially lysine or glutamate, has increased activity of cyclopropane-mycolic acid synthase.

L6 ANSWER 79 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN

TI New mutant coryneform bacterium, useful for **production** of amino acids, especially **lysine**, has increased activity of acyl-CoA synthase.

L6 ANSWER 80 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New mutant coryneform bacterium, useful for **production** of amino acids, especially **lysine**, has increased activity of CDP-diacylglycerol-3-phosphate 3-phosphatidyltransferase.

L6 ANSWER 81 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New mutant coryneform bacterium, useful for **production** of amino acids, especially **lysine**, has increased activity of phosphatidate-cytidylyl transferase.

L6 ANSWER 82 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI Preparation of L-amino acids, e.g. L-**lysine**, L-**threonine** or L-**isoleucine**, useful in animal nutrition or in human medicine, comprises fermenting L-amino acid-**producing** coryneform bacteria with amplification of the *tkt* gene.

L6 ANSWER 83 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI Preparing L-amino acids by fermenting coryneform bacteria transformed with the glucose 6-phosphate dehydrogenase gene is particularly useful to **produce** L-**lysine** and L-**threonine**.

L6 ANSWER 84 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New isolated polynucleotide encoding phosphofructokinase A of coryneform bacteria, useful, when overexpressed, for increasing fermentative production of amino acids.

L6 ANSWER 85 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New isolated polynucleotide encoding phosphoglycerate mutase of coryneform bacteria, useful, when overexpressed, for increasing fermentative production of amino acids.

L6 ANSWER 86 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New isolated polynucleotide encoding phosphofructokinase of coryneform bacteria, useful, when over expressed, for increasing fermentative production of amino acids.

L6 ANSWER 87 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI Production of L-amino acids, useful in medicine and animal nutrition, by culturing bacteria in which the *csp1* gene is suppressed.

L6 ANSWER 88 OF 92 WPIDS COPYRIGHT 2003 THOMSON DERWENT on STN
TI New transformed microorganisms for producing products such as ethanol, amino acids, polyalkoxyalkanoate or pentitols.

L6 ANSWER 89 OF 92 GENBANK.RTM. COPYRIGHT 2003 on STN
TITLE (TI): The complete genome sequence of *Mycobacterium bovis*
TITLE (TI): Direct Submission

L6 ANSWER 90 OF 92 GENBANK.RTM. COPYRIGHT 2003 on STN
TITLE (TI): Complete genome sequence of the model actinomycete *Streptomyces coelicolor A3(2)*
TITLE (TI): Direct Submission

L6 ANSWER 91 OF 92 GENBANK.RTM. COPYRIGHT 2003 on STN
TITLE (TI): Massive gene decay in the leprosy bacillus
TITLE (TI): Direct Submission

L6 ANSWER 92 OF 92 GENBANK.RTM. COPYRIGHT 2003 on STN

TITLE (TI) : Complete DNA sequence of a serogroup A strain of
Neisseria meningitidis Z2491
TITLE (TI) : Direct Submission

=> d his

(FILE 'HOME' ENTERED AT 18:54:48 ON 28 AUG 2003)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DDFB,
DDFU, DGENE, DRUGB, DRUGLAUNCH, DRUGMONOG2, ...' ENTERED AT 18:55:06 ON
28 AUG 2003

SEA (CORYNE? OR GLUTAMIC?) AND ((MALAT? (S) DEHYDROGENA?) OR MQO?)

9 FILE AGRICOLA
1 FILE ANABSTR
5 FILE AQUASCI
12 FILE BIOBUSINESS
185 FILE BIOSIS
82 FILE BIOTECHABS
82 FILE BIOTECHDS
75 FILE BIOTECHNO
58 FILE CABA
10 FILE CANCERLIT
641 FILE CAPLUS
5 FILE CEABA-VTB
2 FILE CROPB
1 FILE CROPU
12 FILE DDFB
3 FILE DDFU
11 FILE DGENE
12 FILE DRUGB
3 FILE DRUGU
1 FILE EMBAL
247 FILE EMBASE
18 FILE ESBIOBASE
0* FILE FEDRIP
2 FILE FROSTI
11 FILE FSTA
61 FILE GENBANK
86 FILE IFIPAT
9 FILE JICST-EPLUS
34 FILE LIFESCI
116 FILE MEDLINE
5 FILE NIOSHTIC
6 FILE NTIS
2 FILE OCEAN
20 FILE PASCAL
2 FILE RDISCLOSURE
30 FILE SCISEARCH
161 FILE TOXCENTER
1034 FILE USPATFULL
19 FILE USPAT2
1 FILE VETU
100 FILE WPIDS
100 FILE WPINDEX
2 FILE NAPRALERT

L1 QUE (CORYNE? OR GLUTAMIC?) AND ((MALAT? (S) DEHYDROGENA?) OR MQO)

FILE 'USPATFULL, CAPLUS, EMBASE, BIOSIS, TOXCENTER, MEDLINE, WPIDS,
IFIPAT, BIOTECHDS, BIOTECHNO, GENBANK' ENTERED AT 18:58:09 ON 28 AUG 2003

L2 2788 S (CORYNE? OR GLUTAMIC?) AND ((MALAT? (S) DEHYDROGENA?) OR MQO? O
L3 1174 S (CORYNE? OR GLUTAMICU?) AND ((MALAT? (S) DEHYDROGENA?) OR MQO?
L4 374 S (CORYNE? OR GLUTAMICU?) (S) ((MALAT? (S) DEHYDROGENA?) OR MQO? OR
L5 183 DUP REM L4 (191 DUPLICATES REMOVED)
L6 92 S L5 AND ((LYSIN? OR THREONI?) (S) PRODUC?)
L7 73 S L5 AND (AMIN? (S) ACID? (S) PRODUC?)

=> log h

COST IN U.S. DOLLARS

SINCE FILE ENTRY	TOTAL SESSION
152.56	155.52

FULL ESTIMATED COST

SESSION WILL BE HELD FOR 60 MINUTES

STN INTERNATIONAL SESSION SUSPENDED AT 19:09:20 ON 28 AUG 2003